

## ABSTRACT

A heat control device for a power source contains i) a radiator for dissipating heat that has generated in the power source through a charging and discharging process; and ii) a heat controller that transforms its shape by heat. The structure can protect a power source from anomalous overheating. On the other hand, when the temperature of the power source falls, the device protects the power source not only from over-dissipating, but also from degradation in output power characteristics of the power source.